

## EAST Search History

| Ref # | Hits     | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|----------|---|---|------------------|---------|------------------|
| S1    | 32       | hsu near2 liangchi.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 10:44 |
| S2    | 39       | cheng near2 mark.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 10:44 |
| S3    | 2        | pi near2 zhoyue.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 10:45 |
| S4    | 0        | (hsu near2 liangchi.in.) and<br>(cheng near2 mark.in.) and (pi<br>near2 zhoyue.in.)         | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 10:45 |
| S5    | 12906490 | @ad<="20030404"   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2006/05/09 13:06 |
| S6    | 0        | 10/817,214  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2005/09/17 12:04 |
| S7    | 138      | control adj2 hold adj2 mode   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 15:38 |
| S8    | 27       | "mac_id"  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 12:24 |
| S9    | 17       | mac with (ascend\$5 descend\$5)   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 13:39 |
| S10   | 19       | (medium adj access adj control<br>mac) with (ascend\$5 descend\$5)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 13:29 |
| S11   | 12906490 | @ad<="20030404"   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 15:38 |
| S12   | 15       | ((medium adj access adj control<br>mac) with (ascend\$5 descend\$5))<br>and @ad<="20030404" | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 13:39 |
| S13   | 1        | ("6622251").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2004/09/09 13:39 |
| S14   | 1        | ((("6622251").PN.) and (ascend\$5<br>descend\$5)  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR               | ON      | 2004/09/09 13:40 |

## EAST Search History

|     |          |  |   |    |     |                  |
|-----|----------|--|---|----|-----|------------------|
| S15 | 1        | ((("6622251").PN.) and (ascend\$5 descend\$5 mac-id)   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 13:40 |
| S16 | 12906490 | @ad<="20030404"  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:38 |
| S17 | 138      | control adj2 hold adj2 mode  | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:39 |
| S18 | 134      | @ad<="20030404" and (control adj2 hold adj2 mode )   | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:39 |
| S19 | 0        | (@ad<="20030404" and (control adj2 hold adj2 mode )) and transition near3 mode near3 request | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:40 |
| S20 | 24       | (@ad<="20030404" and (control adj2 hold adj2 mode )) and transition near3 mode               | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:40 |
| S21 | 1        | (@ad<="20030404" and (control adj2 hold adj2 mode )) and transition near3 request            | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:41 |
| S22 | 35       | (@ad<="20030404" and (control adj2 hold adj2 mode )) and reverse                             | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:41 |
| S23 | 42       | (@ad<="20030404" and (control adj2 hold adj2 mode )) and revers\$5                           | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 15:41 |
| S24 | 21       | (@ad<="20030404" and (control adj2 hold adj2 mode )) and revers\$5 adj3 channel              | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2004/09/09 16:35 |
| S25 | 1        | ("20030128683").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:27 |
| S26 | 2695     | (370/352).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:31 |
| S27 | 887      | (370/328).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S28 | 330      | (370/311).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S29 | 261  | (370/318).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S30 | 1965 | (370/335).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S31 | 2507 | (370/342).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S32 | 1348 | (370/338).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S33 | 1375 | (713/300).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S34 | 314  | (713/310).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S35 | 763  | (713/320).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S36 | 596  | (713/323).CCLS.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2004/09/09 18:32 |
| S37 | 1    | ("6622251").PN.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | OFF | 2005/04/19 12:28 |
| S38 | 1    | 10/817,214                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2005/04/19 13:44 |
| S39 | 1    | ("20030128683").PN.                           | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | OFF | 2005/04/19 16:42 |
| S40 | 1    | ("6622251").PN.                               | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | OFF | 2005/04/19 16:42 |
| S41 | 0    | S40 and group with (ascend\$6<br>deescend\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO           | OR | ON  | 2005/04/19 16:43 |

## EAST Search History

|     |          |   |                                 |    |    |                  |
|-----|----------|---|---------------------------------|----|----|------------------|
| S42 | 1        | S40 and group and (ascend\$6 deescend\$7)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 16:50 |
| S43 | 0        | S40 and group same (ascend\$6 deescend\$7)                | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 16:43 |
| S44 | 1        | S40 and (ascend\$6 deescend\$7)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 17:51 |
| S45 | 11635948 | @ad<="20010614"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 17:51 |
| S46 | 895      | (session sip) with base adj2 station                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 17:52 |
| S47 | 367      | S45 and S46   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 17:52 |
| S48 | 73       | (session adj2 protocol sip) with base adj2 station        | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 17:52 |
| S49 | 19       | S45 and S48   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 18:03 |
| S50 | 3        | 10/167,668  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/04/19 18:29 |
| S51 | 53563    | assign\$6 with (id identifier identification mac)         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/15 11:29 |
| S52 | 1227     | assign\$6 near3 mac                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/15 11:30 |
| S53 | 31       | assign\$6 near3 mac with (sequen\$7 ascend\$6 descend\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/15 11:33 |
| S54 | 97       | assign\$6 near3 (address mac) with (ascend\$6 descend\$7) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/15 11:34 |
| S55 | 345364   | medium.clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/17 11:50 |
| S56 | 1        | 10/817,214  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2005/09/17 12:07 |

## EAST Search History

|     |       |  |                                 |    |     |                  |
|-----|-------|--|---------------------------------|----|-----|------------------|
| S57 | 1     | ("20030128683").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/09/17 13:30 |
| S59 | 42    | control adj hold adj mode and<br>gat\$6  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/09/17 14:43 |
| S60 | 78084 | apparatus with method.clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/09/17 16:23 |
| S61 | 1     | ("6700877").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/09/17 16:23 |
| S62 | 1     | S61 and (ascending descending)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/09/17 16:24 |
| S63 | 1     | S61 and (ascend\$7 descend\$6)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/09/17 17:47 |
| S64 | 1     | ("20030128683").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2005/09/17 17:47 |
| S65 | 64    | control adj hold adj mode  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2005/09/17 18:01 |
| S66 | 1     | ("20030128683").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/04/27 15:03 |
| S67 | 1     | 10/817,214   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/04/27 15:36 |
| S68 | 1     | ("20030128683").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/05/09 12:04 |
| S69 | 1     | ("20040196820").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/05/09 12:55 |
| S70 | 1     | ("6622251").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/05/09 13:03 |
| S71 | 1     | ("6700877").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/05/09 13:04 |
| S73 | 58184 | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control<br>address) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 13:06 |

## EAST Search History

|     |          |  |                                 |    |    |                  |
|-----|----------|--|---------------------------------|----|----|------------------|
| S74 | 13310973 | @ad<="20030404"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:07 |
| S75 | 3189     | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:06 |
| S76 | 844      | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)<br>adj3 address                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:09 |
| S77 | 4183224  | @prad<="20030404"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:07 |
| S78 | 1141477  | @rlad<="20030404"  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:07 |
| S79 | 13816163 | S74 S77 S78  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 18:02 |
| S80 | 639      | S76 and S79  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:08 |
| S81 | 3189     | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:09 |
| S82 | 2559     | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)<br>and address                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:09 |
| S83 | 1875     | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)<br>and (wireless mobile)             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:10 |
| S84 | 1346     | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)<br>and (wireless mobile) and address | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:11 |
| S85 | 1875     | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)<br>and (wireless mobile)             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:11 |
| S86 | 1408     | S85 and S79  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:11 |
| S87 | 75       | (assign\$8 allocat\$9) near6 (mac<br>medium adj2 access adj3 control)<br>with order and (wireless mobile)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:15 |
| S88 | 60       | S87 and S79  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:12 |

## EAST Search History

|      |       |  |                                 |    |    |                  |
|------|-------|--|---------------------------------|----|----|------------------|
| S89  | 3     | (assign\$8 allocat\$9) near6 (mac medium adj2 access adj3 control) with (ascend\$7 descend\$7) and (wireless mobile)         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:17 |
| S90  | 4     | (assign\$8 allocat\$9) near6 (mac medium adj2 access adj3 control) same (ascend\$7 descend\$7) and (wireless mobile)         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:19 |
| S91  | 41    | (assign\$8 allocat\$9) near6 (mac medium adj2 access adj3 control address) same (ascend\$7 descend\$7) and (wireless mobile) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:57 |
| S92  | 35    | S91 and S79  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:19 |
| S93  | 284   | (mac medium adj2 access adj3 control address) with (ascend\$8 descend\$8) and (wireless mobile)                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:30 |
| S94  | 225   | S93 and S79  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:30 |
| S95  | 16711 | (assign\$8 allocat\$9) near6 (mac medium adj2 access adj3 control address) and (wireless mobile)                             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:58 |
| S96  | 13427 | S95 and S79  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 13:59 |
| S97  | 8254  | S95 and S79 and packet   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 14:01 |
| S98  | 2944  | S95 and S79 and packet and (mac medium adj2 access adj2 control)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 14:06 |
| S99  | 4432  | S95 and S79 and packet and (address mac medium adj2 access adj2 control).ti,ab,clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 14:08 |
| S100 | 1563  | S98 and S99  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 14:33 |
| S101 | 231   | (medium adj2 access adj2 control near5 identif\$9 mac adj2 id) with (assign\$8 allocat\$8)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 14:36 |
| S102 | 171   | S101 and S79   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/09 15:41 |

## EAST Search History

|          |          |   |                                 |    |     |                  |
|----------|----------|---|---------------------------------|----|-----|------------------|
| S10<br>3 | 1        | ("20030128683").PN.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/05/09 17:53 |
| S10<br>4 | 4        | autonomous adj mode and rate<br>adj request | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 18:01 |
| S10<br>5 | 28       | R-REQCH                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 18:01 |
| S10<br>6 | 13310973 | @ad<="20030404"                             | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 18:02 |
| S10<br>7 | 4183224  | @prad<="20030404"                           | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 18:02 |
| S10<br>8 | 1141477  | @rlad<="20030404"                           | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 18:02 |
| S10<br>9 | 13816163 | S106 S107 S108                              | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 18:03 |
| S11<br>0 | 14       | S105 and S109                               | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/09 18:04 |
| S11<br>6 | 1        | ("20030128683").PN.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/05/10 09:40 |
| S11<br>7 | 1        | ("20040196820").PN.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2006/05/10 09:44 |
| S11<br>8 | 22       | f-gch                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON  | 2006/05/10 09:45 |